



## Las Vegas Fire & Rescue Fire Prevention Division Information Sheet



Effective Date: February 1, 2011

CLV Ordinance #6124

*The items listed are basic information only. Codes are subject to change. Additional requirements may apply.*

# Pyrotechnic Display Inspection Checklist for Outdoor Aerial Shows

This information sheet provides a basic checklist of items for Outdoor pyrotechnic (Firework) displays. (see NFPA-1123)

### **Prior to show:**

- ☐ Verify site security and storage areas
- ☐ Verify Fallout area(s) are per permit submittal (75ft per inch of shell size)
- ☐ Verify if any combustible material is in fallout area. If so, remove or take appropriate action to reduce hazard. ie. wetting of trees, landscaping, re-locate product, etc.
- ☐ Verify Discharge area(s) are per permit submittal
- ☐ Verify product matches permit submittal (Size, type, quantities, etc.)
- ☐ Verify appropriate type and quantities of fire extinguishers for site.
- ☐ Verify that a proper container for retrieving and storing misfiring shell is in place.
- ☐ Verify that pyrotechnician has proper attire and protective equipment.
- ☐ Verify that mortar and racks are installed correctly. (Proper construction, bases secured, minimum separation between tubes, etc.)
- ☐ Confirm that electronically fired display system is protected against accidental firing.
- ☐ All devices are located within a clear view of the pyrotechnician and the *Fire Code Official*.
- ☐ Firing panel is located a minimum of 100 feet from the devices to be fired.
- ☐ Verify that manually fired devices safety caps are in place until immediately before firing.
- ☐ Verify on-site pyrotechnician Nevada State Fire Marshal Certification

### **Immediately prior to show:**

- ☐ Discharge area and fallout areas are clear of any unauthorized personnel.
- ☐ Electronically fired displays fallout and discharge areas are clear of all personnel during circuit testing.
- ☐ *Fire Code Official* to verify if the prevailing wind speed is not over 10mph and make Final decision to shoot.



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### **Immediately after the show:**

- ☐ Ensure that no authorized personnel enters the fallout area until site has been deemed safe by technician
- ☐ On-site Fire Prevention staff will document any product misfires or incorrect timing of devices. Items will be documented on LVFR Temporary permit copy and forwarded onto the Deputy Fire Marshal for follow-up.
- ☐ Pyrotechnician will identify and either shoot or safety off any unfired shells, mortars, etc prior to calling an all clear. Any product to be returned to the pyrotechnicians storage site shall be transported in an approved method.

**NOTE: This document was only intended as a general checklist and guideline, please refer to the appropriate NFPA standard for details.**

**Las Vegas Fire & Rescue  
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**[http://www.lasvegasnevada.gov/LawsCodes/fire\\_code.htm](http://www.lasvegasnevada.gov/LawsCodes/fire_code.htm)**